

245333

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 3/19/2007 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 12/9/07 Serial # 10/80/495 Priority Application Filing Date 3/14/08Your Name M. Lewis Examiner # 73172AU 2822 Phone 202-4838 Room 5A39In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPAT USPGPUB DWPI EPO Abs JPO Abs IBM TDB

Other: Need before 5/14

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐Secondary Refs ☒ Foreign Patents ☐ Other ☐If this is a "Fast & Focused Search" request, put a checkmark here: ☐

And then please speak in-person immediately with the EIC2800 Technical Information Specialist or with an EIC2800 Searcher.

A "Fast & Focused Search" is completed in 2 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patr-2/siraapps/stic/npl/nplsearch.htm>

In your own words, what is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 2-5, 7-9, 14, 19 & 20

Metal layers/Dummy Structures

Heat Dissipation

Problem: See paragraph 4

Solution: " " " 16

5,905,289

2005/0035459

6,559,485

Staff Use Only

Searcher: _____

Searcher Phone: _____

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 12/11Date Completed: 12/14Searcher Prep/Rev Time: 55Online Time: 66**Type of Search**

Structure (#) _____

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*** It is now 12/14/2007 10:11:46 AM ***

[File 347] JAPIO Dec 1976-2007/Jun(Updated 070926)

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Set	Items	Description
S1	801	S DUMMY (5N) (SIZE? ? OR SHAPE? ? OR STRUCTURE? ?)
S2	329	S S1 AND (WIRING? ? OR PATTERN???? OR LINE? ?)
S3	3192	S DUMMY (5N) (WIRING? ? OR PATTERN???? OR LINE? ?)
S4	188	S S1 AND S3
S5	105	S S4 AND SEMICONDUCTOR
S6	13	S S4 AND SEMICONDUCTORS
S7	109	S S5:S6
S8	9	S S7 AND (THERMAL??? OR HEAT)
S9	2	S S7 AND TEMPERATURE? ?
S10	10	S S8:S9
S11	99	S S7 NOT S10
S12	79	S S11 NOT PY>2004
S13	61	S S4 AND SUBSTRATE? ?
S14	27	S S13 NOT S7
S15	21	S S14 NOT PY>2004

*** It is now 12/14/2007 10:39:06 AM ***

[File 342] Derwent Patents Citation Indx 1978-07/200775

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S1 5 S CT=US 5905289

[File 347] JAPIO Dec 1976-2007/Jun(Updated 070926)

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[File 350] Derwent WPIX 1963-2007/UD=200779

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S1 5 PN=US 2002030224 + PN=US 2003199150 + PN=US 2004043591
 + PN=US 5766803 + PN=US 6049134 + PN=US 6404025 + PN=US 6696359 + PN=US
 6709974 + PN=US 7179691 + PN=WO 9747035 FROM 347, 350